Title (en)

ELECTRONICALLY CONTROLLED BRAKE SYSTEM WITH A RESERVOIR

Title (de)

ELEKTRONISCH GEREGELTE BREMSANLAGE MIT SPEICHER

Title (fr)

SYSTEME DE FREINAGE A REGULATION ELECTRONIQUE MUNI D'UN RESERVOIR

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Application

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Abstract (en)

[origin: DE19814835A1] The invention relates to an electronically controlled brake system comprising a traction control system (TCS) and/or an electronic stability program (ESP), an actuating unit (26), wheel brakes (27), and a control unit (28). Said control unit is situated between the actuating unit (26) and the wheel brakes (27). The control unit (28) comprises at least one pump (29) having a suction side (30) and a delivery side (31). The control unit also has a TCS or ESP change-over valve (32) situated between the suction side (30) of the pump (29) and the actuating unit (26). A reservoir (34) is arranged between the change-over valve (32) and the suction side (30) of the pump (29), and at least one check valve (7, 8) is provided on the suction side (30) of the pump (29). In order to further optimize such brake systems, the check valve (7, 8) is provided on the reservoir (34).

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